

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052324AL\  
 Data File : FE048364.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 May 2024 21:30  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 24 01:35:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 03:29:12 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.954 | 2713097    | 18.806 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.61%       |
| 12) S 1-chlorooctadecane (S... | 13.388 | 2067349    | 18.501 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.340  | 2737187    | 21.238 ug/ml |
| 2) T n-Decane (C10)            | 4.590  | 2815112    | 21.383 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.296  | 2782018    | 20.148 ug/ml |
| 4) T n-Dodecane (C12)          | 6.755  | 2777563    | 20.835 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.392  | 2620138    | 19.689 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.584  | 2672714    | 20.168 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.191 | 2662131    | 19.356 ug/ml |
| 8) T n-Octadecane (C18)        | 11.633 | 2633723    | 18.907 ug/ml |
| 10) T n-Eicosane (C20)         | 12.942 | 2511992    | 18.657 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.554 | 2459691    | 18.581 ug/ml |
| 13) T n-Docosane (C22)         | 14.140 | 2456068    | 18.534 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.242 | 2512044    | 18.866 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.262 | 2528887    | 18.951 ug/ml |
| 16) T n-Octacosane (C28)       | 17.211 | 2587637    | 19.434 ug/ml |
| 17) T n-Tricontane (C30)       | 18.098 | 2788023    | 20.201 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.929 | 2864474    | 20.738 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.713 | 2741828    | 20.128 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.452 | 2654713    | 19.607 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.188 | 2841084    | 20.577 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.109 | 2528055    | 18.145 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

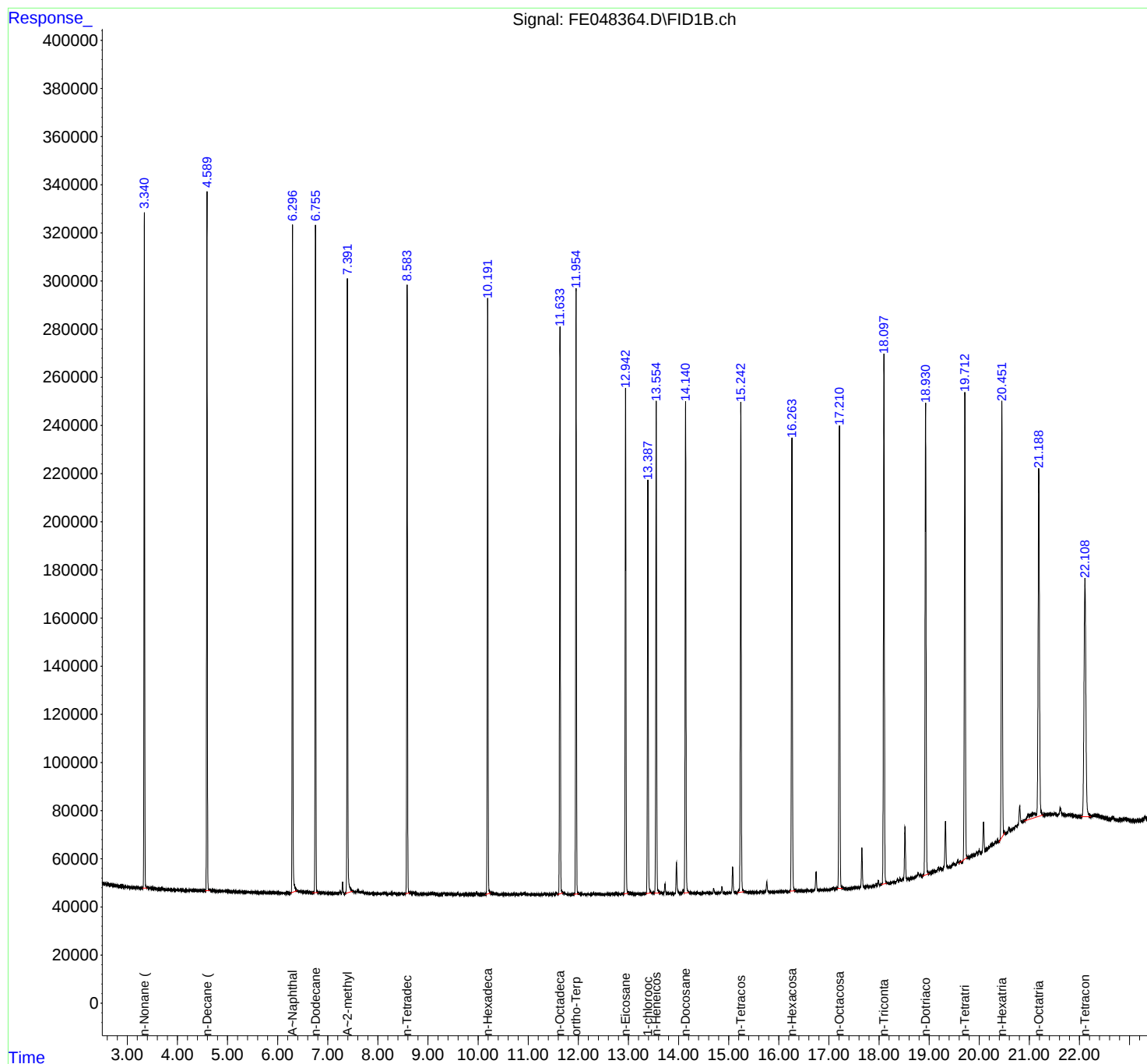
(m)=manual int.

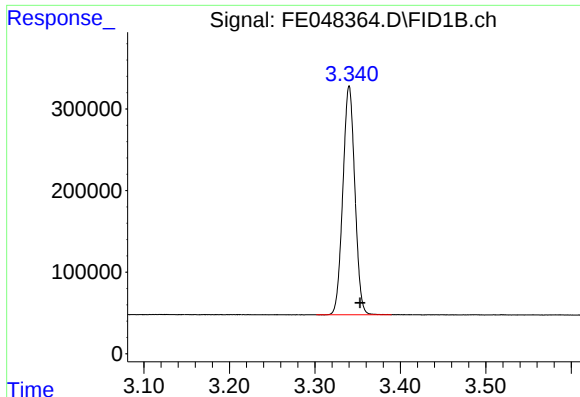
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052324AL\  
Data File : FE048364.D  
Signal(s) : FID1B.ch  
Acq On : 23 May 2024 21:30  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: May 24 01:35:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 29 03:29:12 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

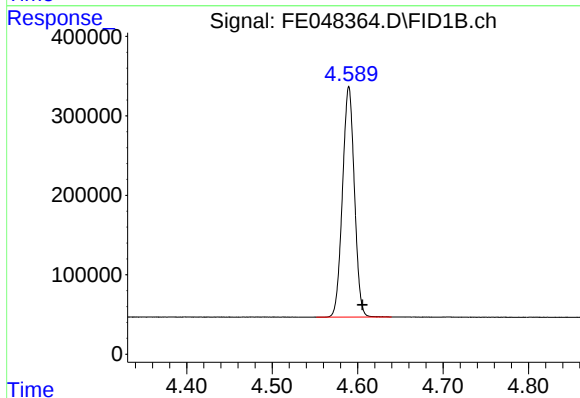




#1 n-Nonane (C9)

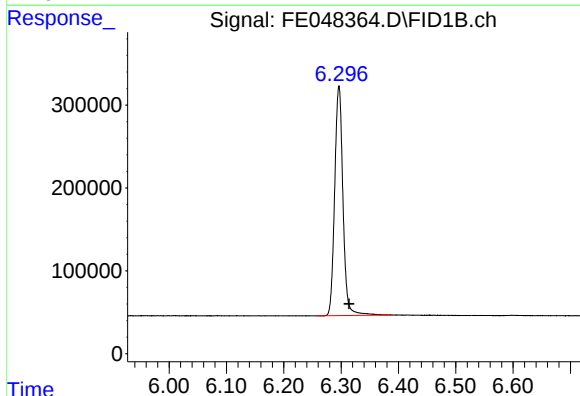
R.T.: 3.340 min  
Delta R.T.: -0.013 min  
Response: 2737187  
Conc: 21.24 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



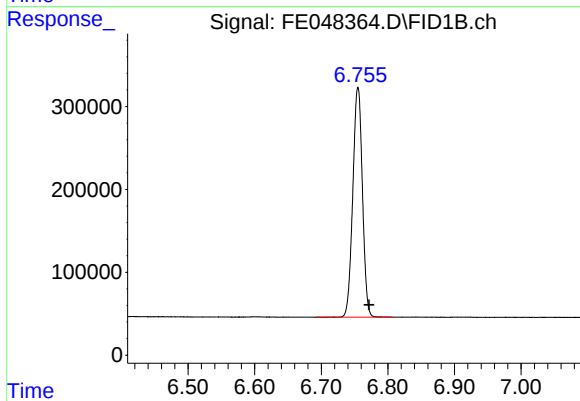
#2 n-Decane (C10)

R.T.: 4.590 min  
Delta R.T.: -0.016 min  
Response: 2815112  
Conc: 21.38 ug/ml



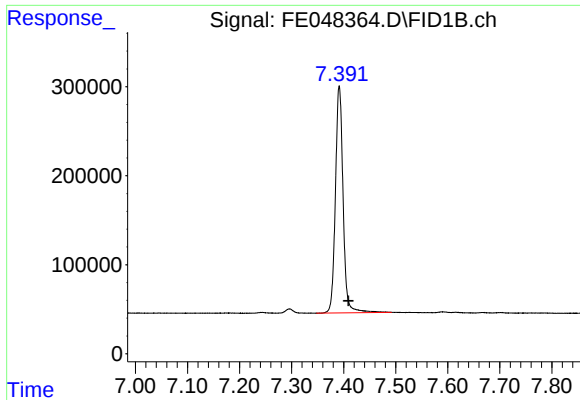
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min  
Delta R.T.: -0.017 min  
Response: 2782018  
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

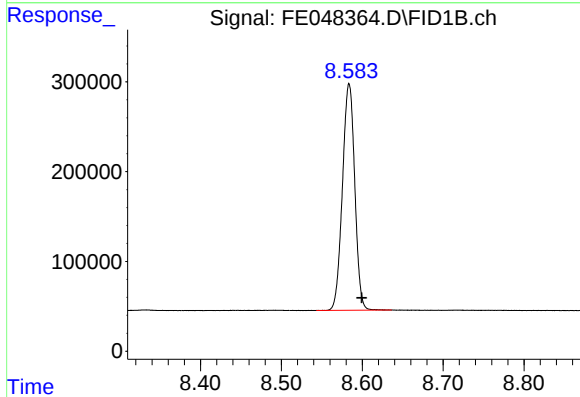
R.T.: 6.755 min  
Delta R.T.: -0.017 min  
Response: 2777563  
Conc: 20.84 ug/ml



#5 A~2-methylnaphthalene (C12.89)

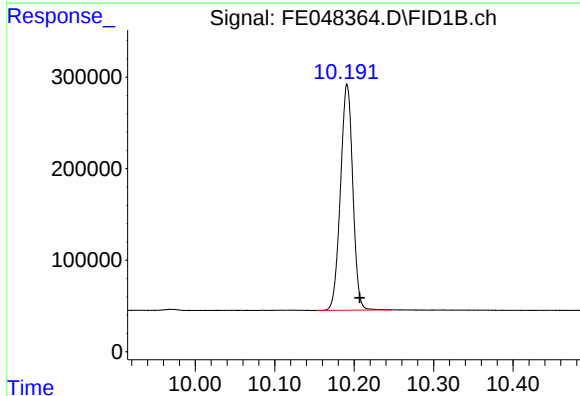
R.T.: 7.392 min  
Delta R.T.: -0.017 min  
Response: 2620138  
Conc: 19.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



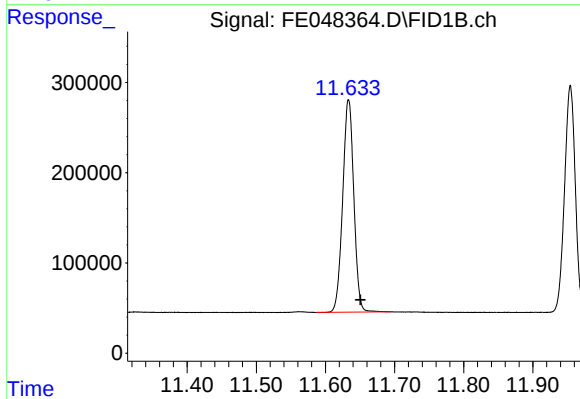
#6 n-Tetradecane (C14)

R.T.: 8.584 min  
Delta R.T.: -0.016 min  
Response: 2672714  
Conc: 20.17 ug/ml



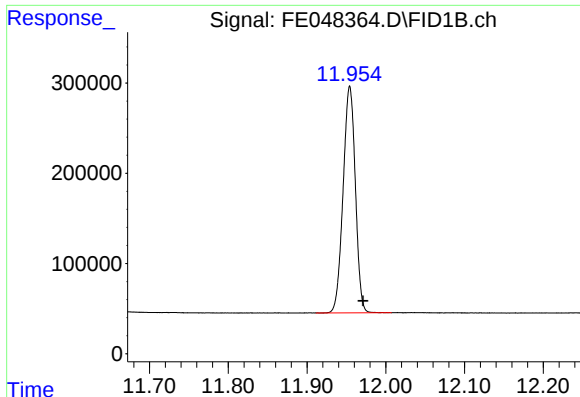
#7 n-Hexadecane (C16)

R.T.: 10.191 min  
Delta R.T.: -0.016 min  
Response: 2662131  
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

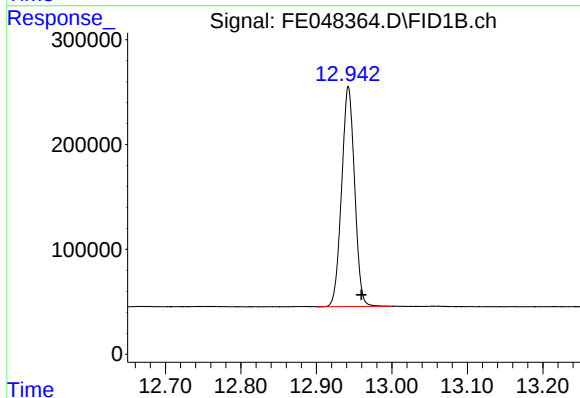
R.T.: 11.633 min  
Delta R.T.: -0.017 min  
Response: 2633723  
Conc: 18.91 ug/ml



#9 ortho-Terphenyl (SURR)

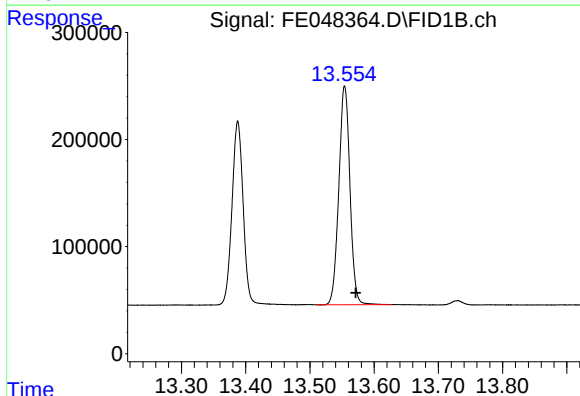
R.T.: 11.954 min  
Delta R.T.: -0.017 min  
Response: 2713097  
Conc: 18.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



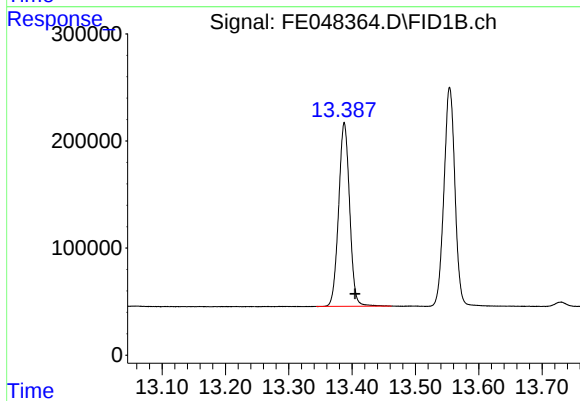
#10 n-Eicosane (C20)

R.T.: 12.942 min  
Delta R.T.: -0.017 min  
Response: 2511992  
Conc: 18.66 ug/ml



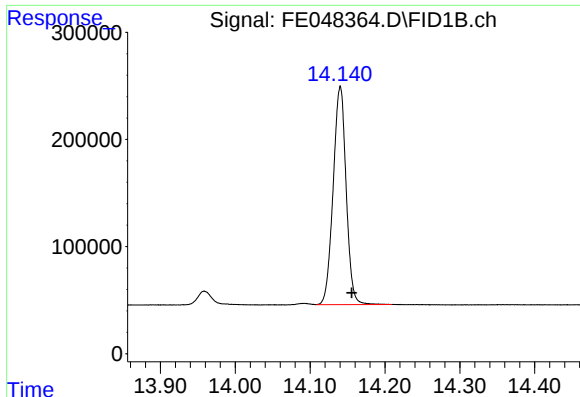
#11 n-Heneicosane (C21)

R.T.: 13.554 min  
Delta R.T.: -0.017 min  
Response: 2459691  
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

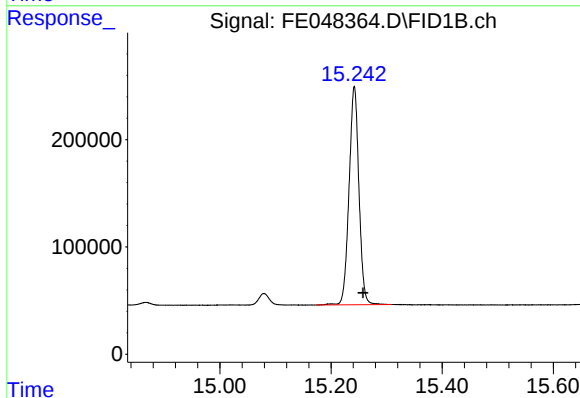
R.T.: 13.388 min  
Delta R.T.: -0.017 min  
Response: 2067349  
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

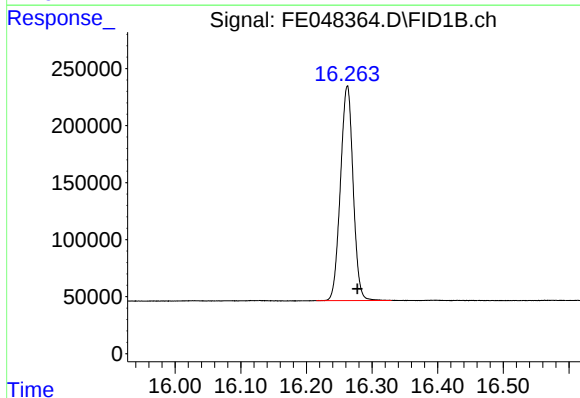
R.T.: 14.140 min  
Delta R.T.: -0.015 min  
Response: 2456068  
Conc: 18.53 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



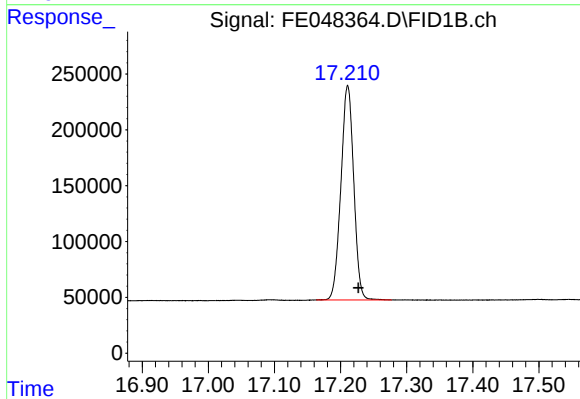
#14 n-Tetracosane (C24)

R.T.: 15.242 min  
Delta R.T.: -0.016 min  
Response: 2512044  
Conc: 18.87 ug/ml



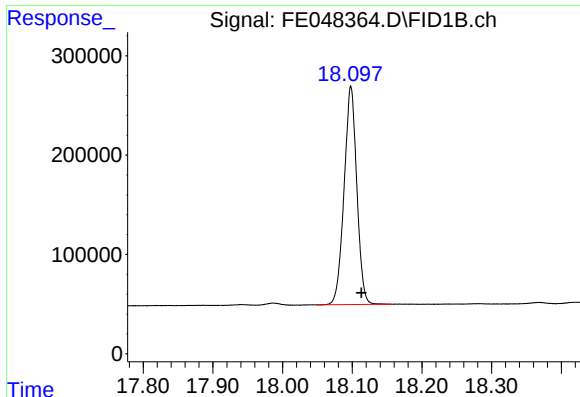
#15 n-Hexacosane (C26)

R.T.: 16.262 min  
Delta R.T.: -0.016 min  
Response: 2528887  
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

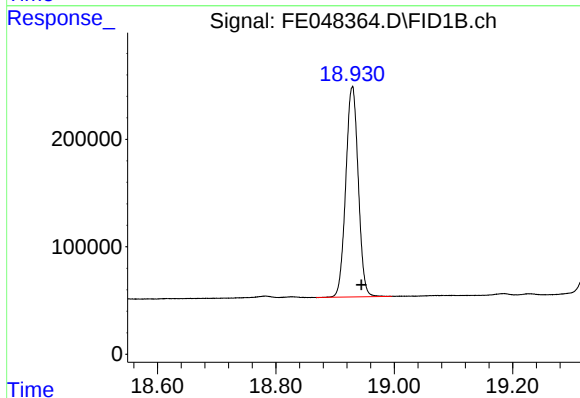
R.T.: 17.211 min  
Delta R.T.: -0.016 min  
Response: 2587637  
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

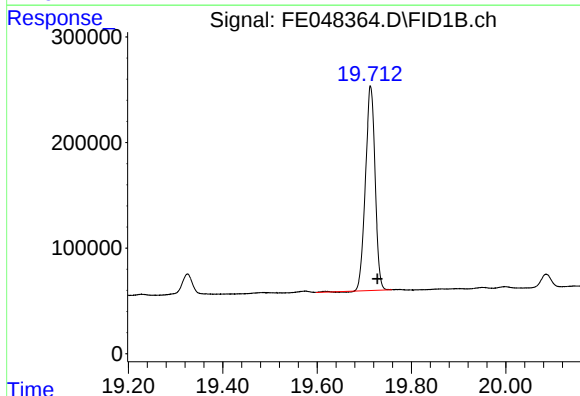
R.T.: 18.098 min  
Delta R.T.: -0.015 min  
Response: 2788023  
Conc: 20.20 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



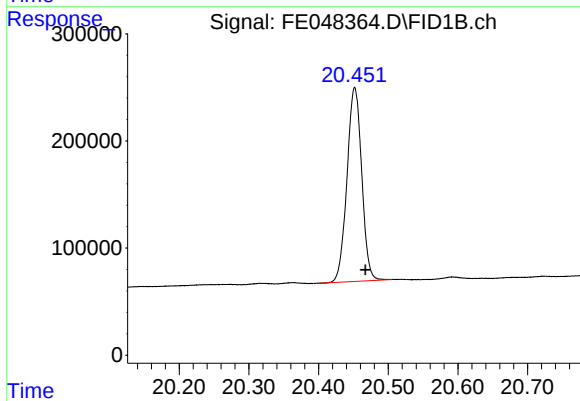
#18 n-Dotriacontane (C32)

R.T.: 18.929 min  
Delta R.T.: -0.016 min  
Response: 2864474  
Conc: 20.74 ug/ml



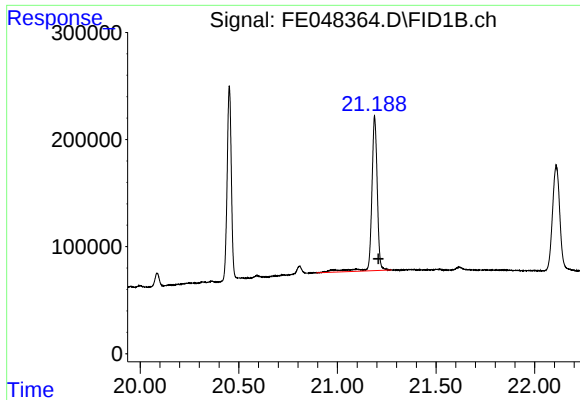
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min  
Delta R.T.: -0.014 min  
Response: 2741828  
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

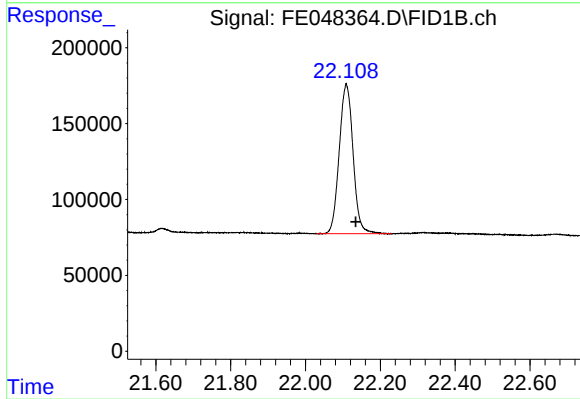
R.T.: 20.452 min  
Delta R.T.: -0.016 min  
Response: 2654713  
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min  
Delta R.T.: -0.020 min  
Response: 2841084  
Conc: 20.58 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.109 min  
Delta R.T.: -0.025 min  
Response: 2528055  
Conc: 18.15 ug/ml